

**QUARTERLY STORMWATER SAMPLING
ALASKAN COPPER WORKS, SEATTLE, WASHINGTON**

Quarter: <u>4Q12</u> Date: <u>10/11/12</u> Sampling Locations: <u>CB331707 and CB330001</u>	
STORMWATER SAMPLING: According to the Industrial Stormwater General Permit condition S4.B, a permittee is required to collect a sample within the first 12 hours of stormwater discharge. Fourth quarter sampling must occur during the first storm event of that quarter. For the other three quarters, sampling does not need to be conducted during the first storm event. Permittees need not sample outside of regular business hours, during unsafe conditions, or during quarters where there is no discharge, but must still submit a Discharge Monitoring Report each reporting period.	
1. Time of sampling (should be within 12 hours after discharge begins):	CB331707: <u>11:05 am</u> CB330001: <u>10:35 am</u>
2. Did sampling occur within the first 12 hours of discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown
3. If the answer to question 2 is no, explain why a sample was not collected within the first 12 hours. <u>Discharge started outside of regular business hours</u>	
4. For fourth quarter sampling, did the sampling occur during the first storm event of that quarter?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<u>First fall storm event occurred outside regular business hours</u>	
5. Sampling method (e.g., "from catch basin by hand"):	CB331707: <u>from catch basin by pole</u> CB330001: <u>from sampling pipe by hand/bailer</u>
6. Sampling parameters: turbidity, pH, total copper, total zinc, total lead, total petroleum hydrocarbons, TSS	
7. Oil Sheen Present?	CB331707: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No CB330001: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Result of field measurements (pH/Turbidity):	CB331707: <u>pH = 7.2 ; turb = 5.09</u> CB330001: <u>pH = 8.5 ; turb = 5.51</u>
9. Field meters calibrated to meter calibration standards prior to sampling?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
10. Comments (i.e., unusual circumstances): <u>CB330001 - large puddle over catch basin, lid of sampling pipe opened to drain puddle. Sampled by hand for TPT; sampled by bailer for all other parameters.</u> <u>CB331707 - no unusual circumstances. CB filter in place w/ 1" of sediment.</u>	
Name of sampler: <u>Rosemary Trimmer</u>	
Signature of sampler: <u>Rosemary Trimmer</u> Date: <u>10/19/12</u>	
VISUAL MONITORING REMINDER: If monthly visual monitoring has not already been conducted, record the results of visual monitoring on the separate required Monthly Inspection form.	